Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim Reinsurance Year: 2011 Version: DRAFT Release Date: 8/5/2010

Record Code: P21

Insurance Plan Code 01 Yield Protection 0011 Wheat 0041 Corn 0078 SunFlowers 0018 Rice 0051 Grain Sorghum **Commodity Code** 0015 Canola 0021 Cotton 0081 Soybeans

0091 Barley										
	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>					
<u>Calculations</u>	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>				
Section 1: Stage Guarantee Calculation										
Guarantee Per Acre = Approved Yield * Coverage Level Percent	Guarantee Per Acre	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.					
	Approved Yield	P11	47	99999999.99	None					
	Coverage Level Percent	P14	33	9.9999	None					
Acre Guarantee Quantity = Guarantee Per Acre * Guarantee Adjustment Factor	Acre Guarantee Quantity	P11	101	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.					
	Guarantee Adjustment Factor	P11	41	0.999	None	Guarantee Adjustment Factor would be for any initially late planted acres.				

8/17/2010 Page 1 of 10

Exhibit Number: P21-1, Plan 01
Record Name: Acreage Claim

Reinsurance Year: 2011 Version: DRAFT Release Date: 8/5/2010

Record Code: P21

Insurance Plan CodeCommodity Code0011 Wheat0018 Rice0041 Corn0078 SunFlowersCommodity Code0015 Canola0021 Cotton0051 Grain Sorghum0081 Soybeans
0091 Barley

<u>Commodity Code</u> 0015 Canola	0021 Cotton	0051 Grain Sorghum 0081 Soybeans				
<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	0091 Barley Rules
Price Election Amount = Projected Price * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth cent [\$9.999].	
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price may be used in Lieu of the Projected Price for specialty types of Soybeans or Barleys. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a centain percentage over the projected price for Soybeans and Barley as specified in the Special Provisions.
	Price Election Percent	ICE		9.9999	None	Edit with ICE Price Election Percent, "D00007".
Acre Stage Guarantee = Acre Guarantee Quantity * Price Election Amount	Acre Stage Guarantee Amount	P21	36	99999999.99	Round to nearest dollar and cents.	
, and and	Price Election Amount	Internal		9999.999	see section 1	

8/17/2010 Page 2 of 10

Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim

Reinsurance Year: 2011

Version: DRAFT

Release Date: 8/5/2010

Record Code: P21 Release Date: 8/5/2010

Insurance Plan Code		01 Yield Protection		
	0011 Wheat	0018 Rice	0041 Corn	0078 SunFlowers
Commodity Code	0015 Canola	0021 Cotton	0051 Grain Sorghum	0081 Soybeans

0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers
0015 Canola	0021 Cotton	0051 Grain Sorghum				0081 Soybeans 0091 Barley
	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
<u>Calculations</u>	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>
Calculation						
Acre Stage Guarantee Amount * Determined Acreage *	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number nearest dollar and cents.	
Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	43	9.999999	None	
ation						
	Revenue Conversion Production to Count	Internal		99999999.99	Round to whole number nearest dollar and cents.	
	Production to Count Quantity	P21	34	99999999.99	None	
	Price Election Amount	Internal		9999.999	see Section 1	Price Election Amount calculated in Section 1
Loss Guarantee Amount – Revenue Conversion	Unit Deficiency Quantity	P21	38	\$99999999.99	Round to whole number nearest dollar and cents.	
Production to Count	Production to Count Quantity	P21	37	99999999.99	None	
Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	55	S9999999999	Round to whole number.	
	Insured Share Percent	P11	46	9.999	None	
Proliminary Indomnity Amount * Multiple Commodity	Indemnity Amount	P21	52	S999999999	Round to whole number.	
: Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	
	Calculations Calculation Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor ation Production to Count Quantity * Price Election Amount Loss Guarantee Amount — Revenue Conversion Production to Count Unit Deficiency Quantity * Insured Share Percent Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Calculations Calculations Calculation Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor Determined Acreage Liability Adjustment Factor Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor Acre Stage Guarantee Amount * Production Acreage * Liability Adjustment Factor Acre Stage Guarantee Amount * Production Acreage * Liability Adjustment Factor Acre Stage Guarantee Amount * Production Acreage * Liability Adjustment Factor Acre Stage Guarantee Amount * Production Acreage * Liability Adjustment Factor Acre Stage Guarantee Amount * Production Acreage * Liability Adjustment * Production to Count Quantity * Price Election Amount * Price Election Amount * Production to Count Quantity * Preliminary Indemnity Amount * Insured Share Percent * Indemnity Amount * Multiple Commodity Adjustment Factor * Indemnity Amount * Indemnity Amoun	CalculationsField NameRecord NumberCalculationsNameNumberCalculationCalculationAcre Stage Guarantee Amount * Determined Acreage Liability Adjustment FactorLoss Guarantee Amount Determined Acreage P21 Determined Acreage P21 Liability Adjustment FactorP21AtionAmount Production to Count Quantity * Price Election AmountRevenue Conversion Production to Count QuantityInternal Production to Count QuantityLoss Guarantee Amount - Revenue Conversion Production to Count QuantityP21Price Election AmountInternal Production to Count QuantityP21Unit Deficiency Quantity * Insured Share PercentPreliminary Indemnity AmountP21Preliminary Indemnity Amount * Multiple Commodity Adjustment FactorIndemnity AmountP21Multiple Commodity Adjustment FactorICE	CalculationsField NameRecord NumberField NumberCalculationsLoss Guarantee Amount * Determined Acreage* Liability Adjustment FactorLoss Guarantee Amount * Determined Acreage* Liability Adjustment FactorP2149Acre Stage Guarantee Amount * Determined Acreage* Liability Adjustment FactorP2117Determined AcreageP2117Liability Adjustment FactorP2143ationProduction to Count Quantity * Price Election AmountRevenue Conversion Production to Count QuantityP2134Production to Count QuantityP2134Price Election AmountInternalPrice Election AmountInternalUnit Deficiency Quantity * Insured Share PercentPreliminary Indemnity AmountP2135Insured Share PercentP1146Preliminary Indemnity Amount * Multiple Commodity Adjustment FactorP2152Multiple Commodity Adjustment FactorICEIndemnity AmountP2152	10015 Canola 0021 Cotton 0051 Grain Solution 0	Description Description

8/17/2010 Page 3 of 10

Exhibit Number: P21-1, Plan 01
Record Name: Acreage Claim

Reinsurance Year: 2011

Version: DRAFT

Release Date: 8/5/201

	Record Name: Acreage Claim Record Code: P21				Release Date:		
Insurance Plan Code		01 Yield Protection					
	0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers
Commodity Code	0015 Canola	0021 Cotton			0051 Grain Sor	ghum	0081 Soybeans 0091 Barley
		Field	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	0091 Barrey
	<u>Calculations</u>	<u>Name</u>		Number	Format	Rounding	<u>Rules</u>
Section 4: Stage Guarantee	e Calculation						
Replant Payment for Yield							
When Stage Code equals							
	Replanted Seed, "RS",						
	Replanted Transplant, "RT"						
						When Unit of Measure	
						equals Pounds, "LBS", then	
						Round to whole Number.	
		Guarantee Per Acre				When Unit of Measure	
Guarantee Per Acre =	= Approved Yield * Coverage Level Percent	Guarantee i en mere				equals Tons, "Tons", then	
	, , , , , , , , , , , , , , , , , , ,					Round to 2 decimals.	
						Otherwise, Round to 1	
						decimal.	
		2 120 11	D44	47	000000000000		
		Approved Yield Coverage Level Percent	P11	47	99999999.99 9.9999		
		Coverage Level Percent	P14	33	9.9999	None	
						When Unit of Measure	
						equals Pounds, "LBS", then	
						Round to whole Number.	
						When Unit of Measure	
		Acre Guarantee Quantity	P11	101	99999999.99	equals Tons, "Tons", then	
Acre Guarantee Quantity =	= Guarantee per Acre * Guarantee Adjustment Factor					Round to 2 decimals.	
						Otherwise, Round to 1	
						decimal.	
			5		0.555		Guarantee Adjustment Factor would be for
7/2010		Guarantee Adjustment Factor	P11	75	0.999	None	any initially late planted acres.

Exhibit Number: P21-1, Plan 01
Record Name: Acreage Claim

Reinsurance Year: 2011 Version: DRAFT Release Date: 8/5/2010

Record Code: P21

Insurance Plan CodeCommodity Code0011 Wheat0018 Rice0041 Corn0078 SunFlowersCommodity Code0015 Canola0021 Cotton0051 Grain Sorghum0081 Soybeans
0091 Barley

0091 Barley								
Calculations	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	Dulas		
<u>Calculations</u>	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	<u>Rules</u>		
Price Election Amount = Projected Price * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth cent [\$9.999].			
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price may be used in Lieu of the Projected Price for specialty types of Soybeans or Barleys. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a centain percentage over the projected price for Soybeans and Barley as specified in the Special Provisions.		
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00.		

8/17/2010 Page 5 of 10

Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim

Reinsurance Year: 2011

Version: DRAFT

Release Date: 8/5/2010

	Record Code: P21				Release Date:		
Insurance Plan Code		01 Yield Protection					
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton			0041 Corn 0051 Grain Sor	ghum	0078 SunFlowers 0081 Soybeans 0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Lesser of: Acre Stage Guarantee = (20% of Acre Guarantee Quantity Amount = OR Maximum Stage Guarantee) * Price Election Amou	Lesser of	Acre Stage Guarantee Amount	P21	36	999999999.99	Round to 1 decimal nearest dollar and cents.	
	(20% of Acre Guarantee Quantity	Price Election Amount	Internal		99999.999	None	Price Election Percent must equal 1.00 when Insurance Plan Code is Yield Protection, "01" or Revenue Protection, "02".
		Maximum Stage Guarantee					
Section 8: Replant Paymen	t Loss Guarantee Calculation						
Loss Guarantee Amount =	_ Acre Stage Guarantee Amount * Determined Acreage *	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number nearest dollar and cents.	
LOSS Guarantee Amount -	Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None	
		Liability Adjustment Factor	P21	41	9.999999	None	
Section 9: Replant Paymen	t Indemnity Calculation						
Preliminary Indemnity Amount	- Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S999999999	Round to whole number.	
Amount		Insured Share Percent	P11	48	9.999	None	
		Indemnity Amount	P21	52	S9999999999	Round to whole number.	
Indemnity Amount =	= Preliminary Indemnity Amount	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

8/17/2010 Page 6 of 10

Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim

Reinsurance Year: 2011

Version: DRAFT

Release Date: 8/5/2010

	Record Code:	Record Code: P21			Release Date:		
Insurance Plan Code		01 Yield Protection					
		0018 Rice			0041 Corn		0078 SunFlowers
Commodity Code		0021 Cotton			0051 Grain Sor	rghum 	0081 Soybeans 0091 Barley
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u>	<u>Field</u> Format	<u>Field</u> Rounding	
Cartion 10: Stage Cuerent		<u>ivallie</u>	Number	Number	roilliat	<u>Nounding</u>	<u>Rules</u>
Section 10: Stage Guaranto Prevented Planting Paymer	ee Calculation nt for Yield Protection, "01".						
When Stage Code equals:	Prevented Planting Option 1, "P1",				Ī		
	Prevented Planting Option 2, "P2",						
	Prevented Planting Option 3, Harvested, "H3",						
	Prevented Planting Option 3, Unharvested, "U3",						
	Prevented Planting Uninsured Loss, "PU",						
I	Prevented Planting Add 10 Percent, "PT",						
I	Prevented Planting Add 5 Percent, "PF"						
Prevented Planting Acre	•	Prevented Planting Acre Stage Guarantee Amount	P21	36	999999999.99	Round to nearest dollar and cents.	
Stage Guarantee Amount	= Production Guarantee * Projected Price * Prevented Planting Guarantee Adjustment Factor	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "00810".
l	,	Guarantee Adjustment Factor	P11	75	0.999	None	
Section 11: Prevented Plan	nting Payment Loss Guarantee Calculation						
Loss Guarantee Amount :	_ Prevented Planting Acre Stage Guarantee Amount *	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number nearest dollar and cents.	
LOSS Guardinee Amount	= Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None	
<u> </u>		Liability Adjustment Factor	P21	41	9.999999	None	
Section 12: Prevented Plan	nting Payment Indemnity Calculation						
Preliminary Indemnity Amount	= Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S9999999999	Round to whole number.	
Amount		Insured Share Percent	P11	46	9.999	None	
	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	52	S9999999999	Round to whole number.	
Indemnity Amount	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	

8/17/2010 Page 7 of 10

Exhibit Name: Indemnity Calculations **Reinsurance Year: 2011** Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim Version: DRAFT Record Code: P21 Release Date: 8/5/2010 01 Yield Protection **Insurance Plan Code** 0011 Wheat 0018 Rice 0041 Corn 0078 SunFlowers **Commodity Code** 0015 Canola 0021 Cotton 0051 Grain Sorghum 0081 Soybeans 0091 Barley Field Record **Field** <u>Field</u> <u>Field</u> **Calculations** Name Number Number **Format Rounding Rules** Section 13: Stage Guarantee Calculation Malting Barley Price and Quality Endorsement 999999999.9 Production Guarantee Internal Malting Barley-Option A (MA)- Lesser of: MA Yield for Malt Barley APH Yield for Barley Approved Yield (Approved Yield * Coverage Level Percent) * Guarantee Production Guarantee = Malting Barley-Option B (MB) - Lesser of: Adjustement Factor Contracted Bushels per Acre APH Yield for Barley

Coverage Level Percent

Guarantee Adjustment Factor

33

75

P14

P11

9.9999

0.999

None

None

Guarantee Adjustment Factor would be for

late planted acres.

8/17/2010 Page 8 of 10

Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim **Reinsurance Year: 2011 Version: DRAFT** Release Date: 8/5/2010

0041 Corn

Record Code: P21

Insurance Plan Code 01 Yield Protection

Commodity Code

0011 Wheat 0018 Rice

0078 SunFlowers 0051 Grain Sorghum 0081 Soybeans 0015 Canola 0021 Cotton

0091 Barley Field **Field Field** Field Record **Calculations** Number Number **Rounding** <u>Name</u> **Format Rules** Malting Barley - Option A (MA) - (1) The RMA issued Malting Barley Additional Value Price, or (2) Malting Barley price amount (Premium Amount) from a price agreement or a Malting Barley production contract that will be paid in addition to a specified barley futures price, or (3) The rpice per bushel from a price agreement or a malting barley production contract for malting barley less Price Election Amount = Additional Value Price Price Election Amount Internal 99999.999 the barley Projected price. The additional value prcie is limited to \$1.25. Malting Barley-Option B (MB) (1) Malting barley price amount from a malting barley futures price, or (2) The price per bushel from a malting barley productino contract for malting barley less the barley Projected Price. The additional value price is limited to \$2.00. Malting Barley Stage = Production Guarantee * Price Election Amount Malting Barley Stage Guarantee P21 50 Guarantee Per Acre Per Acre

8/17/2010 Page 9 of 10

Exhibit Number: P21-1, Plan 01
Record Name: Acreage Claim

Reinsurance Year: 2011 Version: DRAFT Release Date: 8/5/2010

Record Code: P21

 Insurance Plan Code
 01 Yield Protection

 Commodity Code
 0011 Wheat
 0018 Rice
 0041 Corn
 0078 SunFlowers

 0015 Canola
 0021 Cotton
 0051 Grain Sorghum
 0081 Soybeans 0091 Barley

 Field
 Record
 Field
 Field
 Field

		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>				
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>			
Section 14: Malting Barley L	Section 14: Malting Barley Loss Guarantee Calculation									
Malting Barley Stage Guarantee Per Acre *	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number nearest dollar and cents.					
Loss Guarantee Amount =	Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None				
		Liability Adjustment Factor	P21	41	9.999999	None				
Production To Count -		Revenue Conversion Production To Count	P21	46	99999999.99	Round to 2 decimals nearest dollar and cents.				
Production to count =	Production to Count Quantity * Price Election Amount	Production to Count Quantity	P21	34	99999999.99	None				
		Price Election Amount	Internal		99999.9999	None				
Section 15: Malting Barley Ir	ndemnity Calculation									
I Unit Deticiency Quantity =	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	35	\$99999999.99	Round to whole number nearest dollar and cents.				
Preliminary Indemnity = Amount	Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	52	S9999999999	Round to whole number.				
Amount		Insured Share Percent	P11	48	9.999	None				
	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	52	S999999999	Round to whole number				
I Indemnity Amount =	= Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".			
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.				

8/17/2010 Page 10 of 10